

CLAIMS

1. A blocking system for file cabinets that consists of a pull shaft (e) linked to each drawer/guide (c), which operates a corresponding blocking device, and all the blocking devices of all the drawers are
5 correlated to each other such that opening one of them prevents all others from being opened, and it is characterised by the fact that for each drawer/guide (c), the system consists of the following:

a) a support platen (1) fastened to the furniture, which defines a groove-rail (11) with at least a first section (11a) and a second section
10 (11b) angled between each other (α);

b) a mobile blocking element (2) provided with two emerging bolts (2a and 2b) that can move linearly, guided on the said groove-rail (11) when pulled by the corresponding shaft (e), fastened to the drawer or its guide (c) as the latter moves linearly;

15 c) mobile arms aligned between each other, one positioned above (3a) and the other positioned below (3b), which can move linearly a maximum amplitude (a) on a vertical rail (12) defined on the support platen (1) where they are guided.

2. A blocking system for file cabinets, in accordance with the
20 preceding claim, characterised by the fact that the width of the groove-rail (11), the diameter of the pull shaft (e), the diameter of the bolts (2a and 2b) and the maximum amplitude (a) that the mobile arms can move linearly is the same, such that, with any drawer (c) open, the opening of all other drawers is blocked.

3. A blocking system for file cabinets, in accordance with the preceding claims, characterised by the fact that one of the said mobile arms (3a) has an end ramp (31) that is initially impacted by one of the bolts (2b) of the blocking element (2) so that it favours the guided
5 movement of the same when one of the drawers (c) is opened, thereby blocking the remaining drawers from being opened.

4. A blocking system for file cabinets, in accordance with the preceding claims, characterised by the fact that on each support platen (1) there are recovery means (4) that tend to move in one direction in
10 vertical approximation to the said mobile arms (3a and 3b) when the bolts (2a and 2b) move horizontally, thereby leaving available the amplitude (a) existing between two mobile arms (3a and 3b).

5. A blocking system for file cabinets, in accordance with the preceding claims, characterised by the fact that the blocking element (2)
15 has an extra-flat configuration and its bolts (2a and 2b) emerge towards the same face.

6. A blocking system for filing cabinets, in accordance with claim 4, characterised particularly by the fact that the said recovery means consist of springs (4) that abut against the corresponding mobile
20 arm (3a) and the support platen (1) on which it is mounted.

7. A blocking system for file cabinets, in accordance with the preceding claims, characterised by the fact that it includes at least one bar-rod (5) associated at its ends with two mobile arms (3a and 3b) of two contiguous support platens (1).

25 8. A blocking system for file cabinets, in accordance with the first claim, characterised by the fact that the groove-rail (11) has a third

section (11c), connected to its horizontal section (11a), which is angled with respect to the latter and capable of housing a bolt (2b) of the blocking element.

5 9. A blocking system for file cabinets, in accordance with the preceding claims, characterised by the fact that at least the bolt (2b) of the blocking element (2) facing the pull shaft (e) has a ramp/bevel (21) and the upper mobile arm (3a) has two, opposing lateral ramps (31a and 31b) that impact against one of the bolts (2a or 2b).

10 10. A blocking system for file cabinets, in accordance with claims 8 and 9, characterised by the fact that the said upper mobile arm (3a) has at least one push rod (32) aligned in front of the third section (11c) of the groove-rail (11).